| Index of Claims |  |
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| Application/Control No. | Applicant(s)/Patent under Reexamination |  |  |  |  |  |  |  |
|-------------------------|---|--|--|--|--|--|--|--|
| 10/537,157              | SIMAL ET AL.                            |  |  |  |  |  |  |  |
| Examiner                | Art Unit                                |  |  |  |  |  |  |  |
| Olga Asinovsky          | 1796                                    |  |  |  |  |  |  |  |

| <b>√</b> | Rejected |
|----------|----------|
| =        | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| + | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| _ | Interference |

| Α | Appeal   |
|---|----------|
| 0 | Objected |

| Claim    |          | Date     |                 |          |          |          |          | Date Claim Date |               |            |  |          |                 | Claim Date       |              |                    |          |                 |            |      | )     |              |             |          |              |                 |  |                    |   |
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| Final    | Original | 10/26/07 |                 | - 1      |          |          |          |                 |               |            | Final  | Original |                 |                  |              |                    |          | 1               |            | 1    | Final | Original     |             |          |              |                 |  | - [                |   |
| Į Œ      | E        | è        |                 | - 1      |          |          |          |                 |               |            | i II   | Ö        |                 |                  |              |                    |          | 1               |            | -    | 正     | Ö            |             |          |              |                 | 1  | - 1                | İ   |
|          |          | _        | $\vdash \vdash$ | -        | -        |          | _        | $\vdash$        |               | 4          | ļ  |          | $\sqcup$        | -                | <del> </del> | $\sqcup$           |          | $\vdash$        | _          | ].   |       |              |             | _        | _            |                 | $\perp$  | $\perp$            |   |
|          | 1        | <u>v</u> | $\vdash$        |          | $\dashv$ |          |          | $\vdash$        | -             |            | ļ  | 51       | $\vdash$        | $\dashv$         | ļ            | $\vdash$           |          | ┦               | -          | -    |       | 101          |             | -        | L.           |                 | $\dashv$                                       | 4                  | 4   |
|          | 3        | ٧        | H               | -        | $\dashv$ | _        |          | $\vdash$        |               | -{         |  | 52       | -               |                  | +            | Н                  | _        | $\vdash$        | _          | 1    |       | 102          |             | 1        | _            |                 |  | 4                  |   |
|          | 4        | ٧        | $\vdash$        | $\dashv$ |          | _        | $\dashv$ | $\vdash$        |               | -{         |  | 53       | $\vdash \vdash$ | -                | ┿            |                    | +        | ++              | $\dashv$   | ╁    |       | 103          |             | ╄        |              | Щ               |  | 4                  | +   |
|          | 5        | V V      | $\vdash$        | -        | $\dashv$ | -        | -        | $\vdash$        |               | -{         |  | 54<br>55 | $\vdash$        | -                | -            | H                  | -        | ₩               | -          | ŀ    |       | 104          |             | ┼        | _            | _               |  | +                  |   |
| <u> </u> | 6        | V        | $\vdash$        | +        | $\dashv$ |          | -        | $\vdash$        | +             | ┨.         |  | 56       |                 | -                | ╁            | Н                  | +        | ╂┷┼             | -          | ŀ    |       | 105<br>106   |             | ╁        |              | Ŀ               | $\dashv$                                       | -                  | -   |
| <u> </u> | 7        | v        | $\vdash$        |          | $\dashv$ |          | $\dashv$ |                 | +             | -4         |  | 57       | $\vdash$        |                  | +            | $\vdash$           |          | +               | ┥.         | ٠  - |       | 107          | -           | ┼─       |              | $\vdash$        | $\dashv$                                       | $\dashv$           |   |
|          | 8        | V        | $\vdash$        | -        | $\neg$   |          |          |                 | +             | 1,         |  | 58       | $\vdash$        | +                | ╁            |                    |          | 1 1             | ┨.         | ⋅┟   |       | 108          |             | ┢        | -            | $\vdash$        | $\dashv$                                       | -+                 | +   |
|          | 9        | Ÿ        | $\vdash$        | _        |          |          | $\neg$   | -               | +             | <b>-</b>   |  | 59       |                 |                  | +            | H                  | +        | +-+             | $\dashv$   | ŀ    |       | 109          | $\dashv$    | $\vdash$ | -            | Н               | -  | $\dashv$           | $\dashv$  |
|          | 10       | v        | $\vdash$        |          |          |          |          |                 | $\dashv$      | ┪ :        |  | 60       |                 |                  | +            | $\vdash$           |          | 1-              | $\dashv$   | ŀ    |       | 110          | _           | 1        |              | $\vdash$        |  | -+                 | +   |
|          | 11       |          | $\Box$          | ╛        |          |          |          |                 |               | ┨ .        |  | 61       |                 | $\top$           | 1            |                    | _        | $\vdash$        |            | ı    |       | 111          |             | T        |              |                 | -  | $\dashv$           | _   |
|          | 12       |          |                 |          |          |          |          | П               | $\neg$        | ٦.         |  | 62       |                 |                  | 1            | $\Box$             | _        | 1-1             | $\neg$     | t    |       | 112          | _           |          |              | П               | $\dashv$                                       | $\dashv$           | $\top$  |
|          | 13       |          |                 |          |          |          |          |                 |               |            |  | 63       |                 |                  | 1            | H                  | $\top$   | 1-1             |            | ıt   |       | 113          | $\dashv$    | T        |              | П               | -  | $\top$             | $\dashv$  |
|          | 14       |          |                 |          |          |          |          |                 |               | ] .        |  | 64       |                 |                  | Γ            |                    |          |                 |            |      |       | 114          |             |          |              |                 | $\neg$   | $\dashv$           | 1   |
|          | 15       |          |                 |          |          |          |          |                 |               |            |  | 65       |                 |                  |              |                    |          |                 |            | Ī    |       | 115          |             |          |              | П               |  | $\neg$             | $\neg \vdash$                                     |
|          | 16       |          |                 |          |          |          |          |                 |               |            |  | 66       |                 |                  |              |                    |          |                 |            | [    |       | 116          |             | Т        |              | 1               |  | 寸                  | $\top$  |
|          | 17       |          | Ш               | _        |          |          |          |                 |               |            |  | 67       |                 |                  |              |                    |          |                 |            | [    |       | 117          |             |          |              |                 |  | $\neg$             |   |
|          | 18       |          | Ш               | _        | _        |          |          | Ш               |               | _          |  | 68       | Ш               |                  |              |                    |          |                 |            |      |       | 118          |             |          |              |                 |  | П                  |   |
|          | 19       | L        |                 | _        | _        |          |          |                 |               |            |  | 69       | Ш               |                  | ╙            | Ш                  |          |                 |            | L    |       | 119          |             |          |              |                 |  |                    |   |
|          | 20       | >        | Ш               | _        | _        |          |          |                 |               | ╛          |  | 70       | Ш               |                  | <u> </u>     | Ш                  |          |                 |            | 1    |       | 120          |             |          |              |                 |  |                    | $\perp$   |
| L        | 21       | <b>v</b> |                 | _        |          |          |          | Щ               |               | 4          |  | 71       |                 |                  |              |                    |          |                 |            | L    |       | 121          |             |          |              |                 |  |                    |   |
|          | 22       | ٧        | $\sqcup$        | _        | _        |          | Ш        | $\sqcup$        |               | -          |  | 72       |                 |                  | _            | Ш                  |          | $\sqcup$        | <u> </u>   | ļ    |       | 122          |             | _        |              |                 |  | $\perp$            | $\perp$   |
| <u> </u> | 23       | ٧        | $\vdash$        | -        | -        |          |          | $\vdash$        |               | 4          |  | 73       |                 |                  | ₩            | Ш                  |          | $\sqcup$        | _          | Ļ    |       | 123          | _ _         | 1_       | $oxed{oxed}$ |                 |  | _                  | 丄   |
|          | 24<br>25 | _        | $\vdash$        | -        | -        | $\dashv$ | -        | $\vdash$        | +             | -          |  | 74       | -               |                  | ┿            | $\vdash$           |          | $\vdash$        | _          | -    |       | 124          | _           | ↓_       | _            |                 | _  | 4                  |   |
| _        | 26       | -        | $\vdash$        | -        | $\dashv$ |          | -        | $\vdash$        |               | ┨.         |  | 75       | $\vdash$        | - -              |              | $\vdash \vdash$    | +        | ₩               |            | ŀ    |       | 125          |             | ┼        |              | Н               | _  | 4                  | +   |
|          | 27       | _        | $\vdash$        | -        | $\dashv$ | -        | -        | $\vdash$        | _             | -          |  | 76<br>77 | ├─┼             | -                | ╁            | $\vdash$           | +-       | ╀               |            | ŀ    |       | 126          |             | -        | _            | Н               |  | 4                  | - -   |
|          | 28       | _        |                 | $\dashv$ | -        | $\dashv$ |          | $\vdash$        | -             |            |  | 78       | ┝               | +                | ╁┈           | $\vdash$           | +        | ╁               |            | ŀ    |       | 127 ·<br>128 |             | ┼        | H            | $\vdash$        |  | -                  | +   |
|          | 29       |          | $\vdash$        | -        | $\dashv$ | -        | $\neg$   |                 |               | ┨.         |  | 79       | ╁               |                  | +            | $\vdash$           | +        | +               | -          | ŀ    |       | 129          |             | ┼        | H            | Н               | -  | $\dashv$           | $\dashv$  |
|          | 30       | -        | H               | -        | $\neg$   |          |          | $\dashv$        | $\dashv$      | ┨          |  | 80       | $\vdash$        | - -              | ╁            | $\vdash$           | +        | $\vdash$        | $\dashv$   | H    |       | 130          | -           | +-       | <del> </del> | Н               | +  | +                  | -   |
|          | 31       |          | $\vdash$        | $\dashv$ | $\dashv$ |          | Н        | -               | 一             | -          |  | 81       | $\vdash$        | +                | +            | $\vdash$           | +        | ┰               | $\dashv$   | ŀ    |       | 131          |             | +-       | $\vdash$     | $\vdash$        | -+   | +                  | +-  |
|          | 32       |          |                 | 寸        |          |          |          | $\vdash$        | $\dashv$      | ٠,         | <del>                                     </del> | 82       | H               |                  | ╁            | H                  | +        | 1-1             | <b>⊣</b> . | ŀ    |       | 132          | <del></del> | ╁        |              | Н               | +  | +                  | $\dashv$  |
|          | 33       |          | $\sqcap$        |          | $\dashv$ | $\neg$   |          | $\vdash$        | $\neg \vdash$ | 1          |  | 83       | $\Box$          | _ _              | $\dagger$    | $\vdash$           | _        | $\vdash$        |            | ŀ    |       | 133          | $\dashv$    | +        | -            | H               |  | $\dashv$           | - -   |
|          | 34       |          |                 |          |          | $\neg$   |          | $\Box$          |               | 1          |  | 84       |                 | $\top$           | T            | $\Box$             | $\dashv$ | +               | $\neg$     | ŀ    |       | 134          | $\dashv$    | 1-       |              | $\vdash$        | 1  | +                  | +   |
|          | 35       |          |                 |          |          |          |          |                 |               | ]          |  | 85       |                 |                  | L            |                    | $\neg$   |                 | <b>-</b>   |      |       | 135          | $\top$      | T        | $\vdash$     | H               | $\dashv$                                       | $\dashv$           | $\dashv$  |
|          | 36       |          |                 |          |          |          |          |                 |               | ]          |  | 86       |                 |                  |              |                    |          |                 |            | Ī    |       | 136          |             |          |              | П               | 十  | $\top$             | $\top$  |
|          | 37       |          | $\Box$          | $\Box$   |          | $\Box$   |          |                 |               | ]          |  | 87       |                 |                  |              |                    |          |                 |            | [    |       | 137          |             |          |              |                 | $\Box \dagger$                                 | _†                 | $\neg$  |
|          | 38       |          | П               |          |          |          |          |                 |               |            |  | 88       |                 |                  |              |                    |          |                 |            |      |       | 138          |             |          |              |                 |  |                    |   |
|          | 39       |          | $\sqcup$        | _        | _        |          |          |                 | _ _           | _          |  | 89       |                 |                  | $oxed{oxed}$ |                    | $\perp$  |                 |            |      |       | 139          |             |          |              |                 |  | $\Box$             | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ |
|          | 40       |          | $\vdash$        | _        | _        |          |          | $\square$       |               | 4          | <u> </u>   | 90       | $\sqcup$        |                  | <u> </u>     | Ш                  | <u> </u> | $\Box$          |            | - [  |       | 140          |             | 匚        | $\Box$       |                 | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{I}}}$ | $oldsymbol{\perp}$ |   |
|          | 41       |          | $\vdash$        |          | _        |          |          | $\Box$          | $\perp$       | <b>-</b> . | <u> </u>   | 91       | $\sqcup$        | -                | _            | Ш                  |          | $\sqcup$        |            | L    |       | 141          | _           |          | L            | Ш               |  | $\perp$            |   |
|          | 42       |          | $\dashv$        | 4        |          |          |          | $\vdash$        |               | - 13       |  | 92       | $\vdash$        | - -              | <u> </u>     | $\sqcup$           | Д        | $\vdash \vdash$ |            | L    |       | 142          | _           | L        | L            | Ш               |  |                    |   |
|          | 43       |          | $\vdash$        | $\dashv$ | $\dashv$ |          |          | $\dashv$        |               | - ×3       | <u> </u>   | 93       | -               | -                | $\vdash$     | $\vdash \vdash$    | _ _      | 1-1             |            | 1    |       | 143          |             | ļ        | <u> </u>     | $  \_  $        |  | _                  |   |
|          | 44       |          | $\dashv$        | -        |          |          |          | $\dashv$        |               | 4. *       | <u> </u>   | 94       | $\vdash$        | +                | 1            | $\sqcup\downarrow$ | - -      | $\vdash$        |            | 1    |       | 144          |             | 1        | <u> </u>     | Ш               | _  | $\downarrow$       | $\bot$  |
|          | 45<br>46 |          | $\vdash$        | -        | _        | -        | $\dashv$ | $\dashv$        | -             | -          | <u> </u>   | 95       |                 | +                | +            | $\vdash \vdash$    | +        | $\vdash \vdash$ | _          | į.į  |       | 145          |             | 1        | Щ            | Ш               | $\dashv$                                       | _                  | —   |
|          | 47       | -        | $\dashv$        | $\dashv$ |          | $\dashv$ | $\dashv$ | $\vdash$        |               | -          | ļ  | 96<br>97 | $\vdash$        |                  | +-           | $\vdash \vdash$    |          | $\vdash$        | -  '       | ŀ    |       | 146          |             | -        | Щ            | Н               | -  | 4                  | $\dashv$  |
|          | 48       |          | +               | +        | $\dashv$ | $\dashv$ |          | $\vdash$        |               | -          | <del></del>                                      | 98       | $\vdash$        | <del>-  </del> - | $\vdash$     | $\vdash$           | $\dashv$ | +               |            | - }  |       | 147<br>148   |             | +        | Н            | $\vdash \vdash$ | +  | +                  | +   |
|          | 49       |          | -               | $\dashv$ | ᅱ        | $\dashv$ | $\dashv$ | $\vdash$        | +             | -          | <del> </del>                                     | 99       | $\vdash$        | +-               | -            | $\dashv$           | $\dashv$ | $\vdash$        |            | 1    |       | 149          |             | $\vdash$ | $\vdash$     | $\dashv$        | $\dashv$                                       | +                  |   |
|          | 50       | $\vdash$ |                 | $\dashv$ | -        | $\dashv$ | $\dashv$ | -               | +             | ٦` ا       |  | 100      | $\dashv$        |                  | 1            | $\vdash$           | $\dashv$ | +               | $\dashv$   | ·    |       | 150          | +           | 1        | Н            | $\vdash$        | +  | +                  | <del></del>                                       |
|          | لتنا     |          |                 |          |          |          |          |                 |               |            |  |          |                 |                  | 1            |                    | . 1      |                 |            | - 1  |       |              | 1           | 1        |              | . ,             | - 1  | - 1                | 1   |